

NAME _____

Date _____ Period _____

Section 1.3

ALGEBRA

Solving Two Step Equations: Practice A

1. $3x - 3 = 15$

- can you combine like terms on the LHS? _____ (do it!)
- can you combine like terms on the RHS? _____ (do it!)
- what side of the new equation is the variable on? _____
- Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? _____
(get rid of it! Divide)
- Circle your answer!

2. $2n + 5 = 11$

- can you combine like terms on the LHS? _____ (do it!)
- can you combine like terms on the RHS? _____ (do it!)
- what side of the new equation is the variable on? _____
- Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? _____
(get rid of it! Divide)
- Circle your answer!

3. $21 = -3 + 8p$

- can you combine like terms on the LHS? _____ (do it!)
- can you combine like terms on the RHS? _____ (do it!)
- what side of the new equation is the variable on? _____
- Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? _____
(get rid of it! Divide)
- Circle your answer!



4. $7e + 2 = 3 + 6$

- can you combine like terms on the LHS? _____ (do it!)
- can you combine like terms on the RHS? _____ (do it!)
- what side of the new equation is the variable on? _____
- Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? _____
(get rid of it! Divide)
- Circle your answer!

5. $5 - 3 = -2y$

- can you combine like terms on the LHS? _____ (do it!)
- can you combine like terms on the RHS? _____ (do it!)
- what side of the new equation is the variable on? _____
- Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? _____
(get rid of it! Divide)
- Circle your answer!

6. $10k + 2 = 22$

- can you combine like terms on the LHS? _____ (do it!)
- can you combine like terms on the RHS? _____ (do it!)
- what side of the new equation is the variable on? _____
- Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? _____
(get rid of it! Divide)
- Circle your answer!



7. $2v - 2 = 8$

- can you combine like terms on the LHS? _____ (do it!)
- can you combine like terms on the RHS? _____ (do it!)
- what side of the new equation is the variable on? _____
- Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? _____
(get rid of it! Divide)
- Circle your answer!

8. $12 + 7 = 4x - 3$

- can you combine like terms on the LHS? _____ (do it!)
- can you combine like terms on the RHS? _____ (do it!)
- what side of the new equation is the variable on? _____
- Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? _____
(get rid of it! Divide)
- Circle your answer!

9. $15 = 6 - 3r$

- can you combine like terms on the LHS? _____ (do it!)
- can you combine like terms on the RHS? _____ (do it!)
- what side of the new equation is the variable on? _____
- Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
- Is there a number "next to" the variable? _____
(get rid of it! Divide)
- Circle your answer!



10. $4h + 1 - h = 3 + 7$
- can you combine like terms on the LHS? _____ (do it!)
 - can you combine like terms on the RHS? _____ (do it!)
 - what side of the new equation is the variable on? _____
 - Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
 - Is there a number "next to" the variable? _____
(get rid of it! Divide)
 - Circle your answer!

11. $11 = 2c - 3$
- can you combine like terms on the LHS? _____ (do it!)
 - can you combine like terms on the RHS? _____ (do it!)
 - what side of the new equation is the variable on? _____
 - Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
 - Is there a number "next to" the variable? _____
(get rid of it! Divide)
 - Circle your answer!

12. $-4a + 5 = 13$
- can you combine like terms on the LHS? _____ (do it!)
 - can you combine like terms on the RHS? _____ (do it!)
 - what side of the new equation is the variable on? _____
 - Is there a number being added or subtracted to THAT side? _____
(get rid of it! Do the opposite.)
 - Is there a number "next to" the variable? _____
(get rid of it! Divide)
 - Circle your answer!



Name _____

6.10

Date _____

Algebra: Addition and Subtraction Equations

Directions: Solve each equation.

1) $69 + y = 95$

2) $91 + y = 93$

3) $x - 75 = 19$

4) $x - 50.79 = 12.17$

5) $x - 32 = 49$

6) $x + 27 = 55$

7) $x + 1 = 48$

8) $18.73 = a - 9.41$

9) $12 = a - 46$

10) $97 = a - 3$

11) $12 + y = 106$

12) $x + 69 = 162$

13) $12.2 + y = 93.6$

14) $x + 41 = 117$

15) $39 = a - 40$

Multi-Step Equations

6.11

Solve each equation.

1) $-20 = -4x - 6x$

2) $6 = 1 - 2n + 5$

3) $8x - 2 = -9 + 7x$

4) $a + 5 = -5a + 5$

5) $4m - 4 = 4m$

6) $p - 1 = 5p + 3p - 8$

7) $5p - 14 = 8p + 4$

8) $p - 4 = -9 + p$

9) $-8 = -(x + 4)$

10) $12 = -4(-6x - 3)$

11) $14 = -(p - 8)$

12) $-(7 - 4x) = 9$

Solving Multi-Step Equations

Date _____ Period _____

Solve each equation.

1) $4n - 2n = 4$

2) $-12 = 2 + 5v + 2v$

3) $3 = x + 3 - 5x$

4) $x + 3 - 3 = -6$

5) $-12 = 3 - 2k - 3k$

6) $-1 = -3r + 2r$

7) $6 = -3(x + 2)$

8) $-3(4r - 8) = -36$

9) $24 = 6(-x - 3)$

10) $75 = 3(-6n - 5)$